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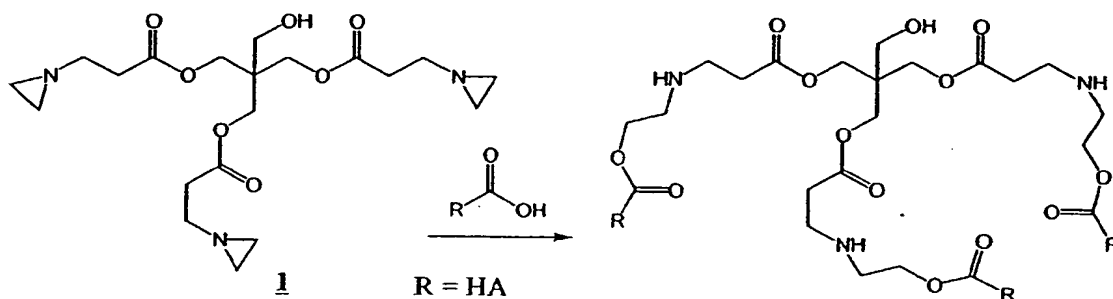
(43) International Publication Date
30 October 2003 (30.10.2003)

PCT

(10) International Publication Number
WO 03/089476 A1

- (51) International Patent Classification⁷: C08B 37/00
- (21) International Application Number: PCT/US03/11830
- (22) International Filing Date: 17 April 2003 (17.04.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/373,279 17 April 2002 (17.04.2002) US
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CROSS-LINKED HYALURONATE COMPOUNDS



Cross-linking Reaction between HA and XAMA-7.

(57) Abstract: There is disclosed a cross-linked hyaluronate compound obtained by reacting a sodium hyaluronate compound with a polyfunctional aziridine compound as a cross-linking agent. The polyfunctional aziridine compound was added to hyaluronan of various molecular weights in an equivalent ratio of HA/AZ of 1:1 to 1:10, preferably, 1:3 to 1:10, more preferably, 1:3 to 1:5; most preferably 1:4 to 1:5. The polymeric hydrogel compounds obtained are useful to prevent the formation of post-operative adhesions, designing tissue engineering applications, and the like.